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TITLE:

Method for planting flock on textile and

device thereof

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ABSTRACTED-PUB-NO: KR2003063833A

BASIC-ABSTRACT:

NOVELTY - A method for planting flock on textile and a device thereof are

characterized by planting the flock by an electrostatic adsorption method,

absorbing unplanted flock, going a jig from a printing unit to an absorbing

unit in order and planting the flock on a pattern part. The method and the

device planting the flock are capable of reusing the flock,

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preventing

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surroundings pollution, increasing productivity, automating a planting process,

reducing the amount of materials used and flocking various colors.

DETAILED DESCRIPTION - The planting method of the  $\underline{\textbf{flock}}$  comprises the steps of:

coating a surface of the textile with a thermosetting adhesive on a proper

pattern to print; bonding the  $\underline{\mathbf{flock}}$  on the adhesive to  $\underline{\mathbf{flock}}$ ; heat-drying the

textile bonded the  $\underline{\mathbf{flock}}$  and the adhesive; brushing the  $\underline{\mathbf{flock}}$  to raise the

 $\underline{flock}$ ; and then absorbing the unplanted  $\underline{flock}$ . The planting device of the

flock is comprised of: a printing unit(10) through hole which is formed on a

screen, having proper pattern; a screen supplied with the adhesive; a coating

device for coating the surface with the adhesive through the through hole; a

flocking unit(20) for planting the flock on the adhesive; a heat-drying

unit(30) for heat-drying the textile; a brushing unit(50) for raising the

planted flock; and the absorbing unit(60) for absorbing the unplanted flock.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: METHOD PLANT FLOCK TEXTILE DEVICE

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